

Manhole Inspection Summary

Manhole # S33EE_033MH

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Inspection Is Incomplete Rating: **4) Poor**

Record Plat: **33EE** Node: **033** Status: **Found**

Insp Date: **2/26/07 10:53 AM**

Incomplete Comments

Crew: **IB, FW**
Inspector: **Bailey, I**
Firm: **PER**

Location Address: **1123 MARYLAND AVE**

Cross Street: **BIDDLE ST**

Manhole Type: **Junction** Location: **Roadway**

Ground Conditions: **Wet**

Prev. Rehab Weather: **Snow**

Subject To Ponding: **Ponding**

Comments **Active infiltration in the Barrel.**

Cover Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary** Condition: **Worn** Cover Material: **Cast Iron**

Properties: Bolted Vented Water Tight Water Tight Insert

Frame Offset: **0** (in.) Condition: Sound Cracked **Leaks**

Chimney / Frame Adjustment Exists Material: **Brick** Parged Height: **7** (in.)

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None **Joint** Cracks **Mortar** Roots Wall

Corbel Material: **Brick** Parged Type: **Concentric/Eccentric**

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots Wall

Barrel Material: **Brick** Parged

Shape: **Circular** Diameter: **42** (in.) Length: (in.)

Condition: Sound Cracked Root Intrusion Loose Brick **Deteriorated**

Infiltration: None Joint Cracks **Mortar** Roots **Wall**

Bench Exists Material: **Brick** Parged **Debris** (not Condition related)

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Channel Material: **Brick** Parged Debris (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: Sound Cracked Root Intrusion **Deteriorated** Leaks Debris

Steps Count: **6** Missing: **0** **Corroded**

Surcharge **Evidence Of Surcharge** Depth: **1** (ft.) Active Surcharge Present

Location View



Top View



Corroded steps. Evidence of surcharge - Bench debris.

Defect



Barrel deterioration and infiltration.

Defect



Barrel infiltration. (Active)

Defect



Frame leaks. Adjustment and Barrel infiltration.

Defect



Worn cover. Subject to ponding.

Defect



Frame leaks. Adjustment and Barrel infiltration - other side.

**8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock**



Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **11.27** (ft.) Flow Characteristics: **Fast**

Deposits: None Mud Sludge Debris Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection

**8 in. Circular Gravity Sewer
Pipe In @ 3 O'Clock**



Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **11.09** (ft.) Flow Characteristics: **Fast**

Deposits: None Mud Sludge Debris Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection

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8 in. Circular Gravity Sewer

Pipe In @ 6 O'Clock



Channel deterioration.

Rod and Bar (Angled)

Pipe Material: **Clay** Pipe Lined

Invert Depth: **10.80** (ft.) Flow Characteristics: **Slow**

Deposits: None Mud Sludge Debris Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection
